



## Summary

*Construction site runoff contributes sediment to our storm drainage system, causing poor water quality by degrading habitat, promoting growth of weeds and algae, increasing the frequency of flooding, and increasing the costs of treating our drinking water. Unlike sanitary sewers, storm drains are not connected to a treatment plant. Water ultimately flows into our creeks and tributaries.*

*In addition, if you are caught allowing anything but rain into the storm drainage conveyance system, you could be subject to severe penalties and/or fines, plus the cost of cleanup.*

*We need to stop stormwater pollution at the source.*



### Remember:

**Only Rain In the Storm Drain**

## Contact Information

To report a spill during regular business hours call the Public Works and Water Resources Department at 302-366-7000.

After hours call 911 or contact the DNREC Emergency Response Hotline at 1-800-662-8802.

Or go to the city's website, expand the "How Do I?" drop down menu, click "Report Spills or Discharge Concerns" and report the spill.

For waste disposal and recycling questions call the Delaware Solid Waste Authority Citizens Response Line at 1-800-404-7080.

For general stormwater program information contact the Stormwater Program Coordinator at 302-366-7000 or visit our website at:

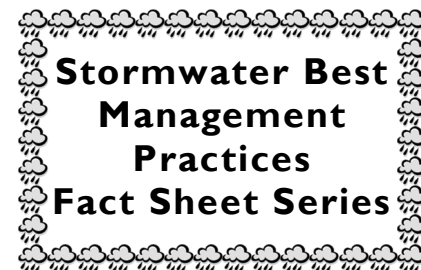
<http://www.newarkde.gov/237/NPDES-Stormwater-Program>



The City of Newark  
Public Works and Water Resources  
Department  
220 South Main Street  
Newark, DE 19711



### City of Newark Public Works and Water Resources



## Small Construction Sites



This brochure has been prepared to provide guidance to developers, contractors and homeowners for prevention of stormwater pollution associated with construction activities on small building sites (generally less than 1 acre of disturbance) in Newark.

## Why should I care about Stormwater?

This brochure has been prepared to provide guidance to developers and homeowners for the prevention of stormwater pollution associated with construction activities on small building sites (generally less than 1 acre of disturbance) in Newark.

Water that flows into the storm drainage system does not get treated at the waste water treatment plant. It flows through a series of pipes and discharges either directly or indirectly into our creeks and tributaries. To minimize the potential for water quality problems, we need to work together to clean up our stormwater at the source.



Before you allow anything to flow into a storm drain, stop and think about how the water ultimately flows untreated into the creeks and tributaries in Newark.

## Construction Considerations

### Protect Natural Features

- Locate environmentally sensitive areas.
- Avoid disturbing environmentally sensitive areas.
- Preserve trees and vegetation when possible.

### Schedule Work to Avoid Problems

- Perform earth moving activities during dry times.
- Stabilize the site if not active for 14 days.
- Minimize disturbing the site all at once.

### Install Erosion & Sediment Controls

- Install perimeter controls (ex: silt fence).
- Install sediment controls (ex: inlet protection).
- Install erosion controls (ex: matting, coir logs).

### Install Construction Entrance

- If needed, install stabilized construction entrance.
- Use approved fabric and stone.
- Replace with clean stone to prevent tracking.

### Protect Storm Drain Inlets

- Prevent soil from leaving the construction site.
- Prevent all other pollutants from entering the storm drain.
- Maintain storm drain inlet protection.

### Use Pollution Prevention Controls

- Manage soil stockpiles properly to prevent runoff.
- Anchor portable toilets and locate away from storm drains.
- Dewater through a filtration device.
- Dispose of construction wastes properly.
- Never allow the following in the storm drain:
  - + Concrete residue
  - + Paint, solvents, and thinners
  - + Anything not entirely composed of rain water.
- Cover dumpsters and material storage areas.
- Establish a suitable concrete washout area.

## Construction Considerations

### Maintain Best Management Practices (BMP's)

- Inspect BMP's regularly.
- Perform needed repairs immediately.
- Inspect before and after a rain event.
- Clean soil tracking on the street as needed.

### Final Steps

- Implement permanent vegetative stabilization.
- Remove temporary BMP's after site is stabilized.
- Provide As-built documentation, if required.

***If there is evidence of dumping cement or cement wash water down a storm drain, gutter or street, it will be treated as an illegal discharge and DNREC enforcement will be notified.***

